

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 35th Avenue Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region IV

**Subject:** POLREP #17  
 Phase 4 updates  
 35th Avenue Site  
 B4M3  
 Birmingham, AL  
 Latitude: 33.5627531 Longitude: -86.7989565

**To:** Matt Taylor, Chief, Removal Operations Section, EPA R4  
 Jim Webster, Chief, ERRPB, EPA R4  
 Brian Espy, ADEM  
 Steve Jenkins, ADEM - Birmingham

**From:** Richard Jardine, On-Scene Coordinator

**Date:** 10/1/2015

**Reporting Period:** 9/19/2015 to 10/2/2015

1. Introduction

1.1 Background

<b>Site Number:</b>	B4M3RV00	<b>Contract Number:</b>	EP-S4-07-02
<b>D.O. Number:</b>	00034	<b>Action Memo Date:</b>	9/25/2013
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	2/17/2014	<b>Start Date:</b>	2/18/2014
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	ALN000410750	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	SEP 2013
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

As detailed in an Action Memorandum dated September 25, 2013, EPA had initially identified approximately 50 properties in the Birmingham communities of Fairmont, Harriman Park, and Collegeville that exhibited levels of soil contamination that exceed, either threefold or a magnitude of measure, Region 4 residential removal management levels for lead, arsenic, and/or polycyclic aromatic hydrocarbons. In addition to contamination deposited by airborne means over the previous 100 years, or potential contaminant migration due to flooding, these properties likely received fill material from one or more of the local industrial businesses. For further discussion of background information, please refer to previous POLREPs for this Site.

Early in the removal action for the 50 homes, EPA amended the original scope of work to allow for greater consistency with remedial goals that provide for a more permanent remedy. An Action

Memorandum dated March 12, 2014 described the amended scope of work.

EPA expanded the scope of work, as detailed in an Action Memorandum dated August 11, 2014, to allow for removal of contaminated soil from properties where the soil concentrations for contaminants of concern exceed Region 4 Removal Management Levels *and* children either live there or routinely and frequently visit. This change of scope included approximately 30 properties, including the Collegeville Center and North Birmingham Homes public housing developments.

EPA expanded the scope of work, as detailed in an Action Memorandum dated January 6, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed two times the Region 4 Removal Management Levels for carcinogens; specifically arsenic and benzo[a]pyrene. This change of scope included approximately 35 properties.

EPA expanded the scope of work, as detailed in an Action Memorandum dated July 20, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed the Region 4 Removal Management Levels for contaminants of concerns; specifically arsenic, lead, and benzo[a]pyrene. This change of scope includes approximately 260 properties.

## **2. Current Activities**

### **2.1 Operations Section**

#### **Phase 4 removal activities:**

Twenty residential properties have been excavated and backfilled.

#### **Phase 4 sampling activities:**

Ninety-four residential properties have been sampled for direct contact threat (0-4 inches).

#### **Disposal:**

To date, 30,160 tons of contaminated soil from the three communities have been sent to an appropriate landfill.

#### **Site Visitors:**

Delegates from the Ministry of Environment for the Republic of Indonesia visited the site on September 30. Delegates were given a site briefing and tour of ongoing assessment, sampling, removal activities, and met with Councilman Parker.

#### **Community outreach:**

EPA continues to meet with property owners at the Command Post or at their respective properties to answer questions regarding the pending excavation efforts and respond to their concerns. The Community Center continues to be staffed on weekdays to answer community questions/concerns by phone or in person regarding the site.

#### **Air monitoring:**

START continues to monitor site conditions including air monitoring and sampling as well as removal documentation and soil profiling as directed by the OSC. Air sampling has included periodic personnel air sampling on a representative ground technician and an excavator operator. To date, air monitoring indicates all operations are well controlled and have minimized blowing dusts.

#### **State and local governments coordination:**

EPA continues to work with AL DOT regarding soil contamination concerns involving Shuttlesworth Bridge construction in Collegeville. AL DOT is voluntarily conducting a removal action in the bridge construction area. EPA continues to work with the City of Birmingham officials regarding demolition and

reclamation of residential lots within the site boundary and Jefferson County DOH regarding lead concerns in children.

## 2.2 Planning Section

No information available at this time.

## 2.3 Logistics Section

No information available at this time.

## 2.4 Finance Section

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$10,000,000.00	\$6,200,000.00	\$3,800,000.00	38.00%
START	\$1,500,000.00	\$1,420,000.00	\$80,000.00	5.33%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$11,500,000.00</b>	<b>\$7,620,000.00</b>	<b>\$3,880,000.00</b>	<b>33.74%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## 2.5 Other Command Staff

No information available at this time.

## 3. Participating Entities

No information available at this time.

## 4. Personnel On Site

No information available at this time.

## 5. Definition of Terms

No information available at this time.

## 6. Additional sources of information

No information available at this time.

## 7. Situational Reference Materials

No information available at this time.